

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101285.D
 Acq On : 11 Dec 2017 13:21
 Operator : SJ/JU
 Sample : I6746-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 16:37:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

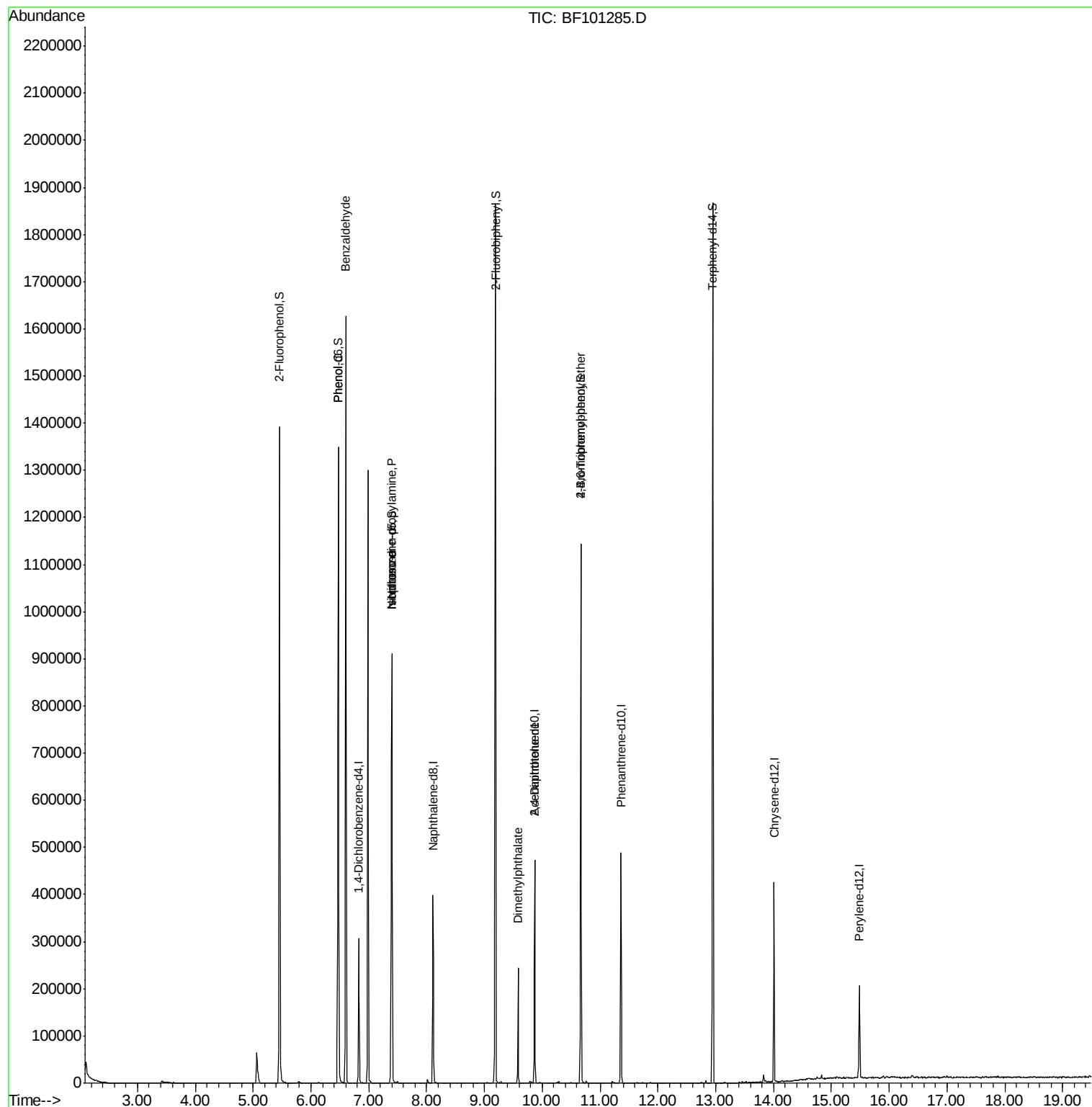
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44981	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	176759	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	87812	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	172150	20.00	ng	0.00
75) Chrysene-d12	14.01	240	133734	20.00	ng	0.00
86) Perylene-d12	15.49	264	93246	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	412173	151.42	ng	0.02
7) Phenol-d6	6.47	99	504590	152.68	ng	0.01
23) Nitrobenzene-d5	7.40	82	311885	105.26	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	146392	138.78	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	659194	102.71	ng	0.00
78) Terphenyl-d14	12.95	244	704222	115.18	ng	0.01
Target Compounds						
9) Benzaldehyde	6.60	77	9054	4.476	ng	84
10) Phenol	6.48	94	15786	4.296	ng	# 56
19) n-Nitroso-di-n-propylamine	7.40	70	41288	18.550	ng	# 81
25) Isophorone	7.40	82	311881	61.620	ng	# 64
49) Dimethylphthalate	9.58	163	89831	12.685	ng	99
56) 2,4-Dinitrotoluene	9.87	165	10683	5.344	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	9605	4.985	ng	# 1

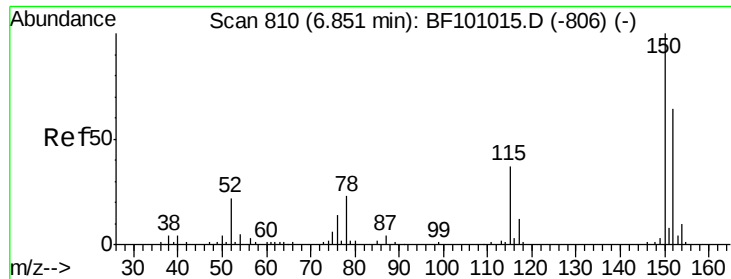
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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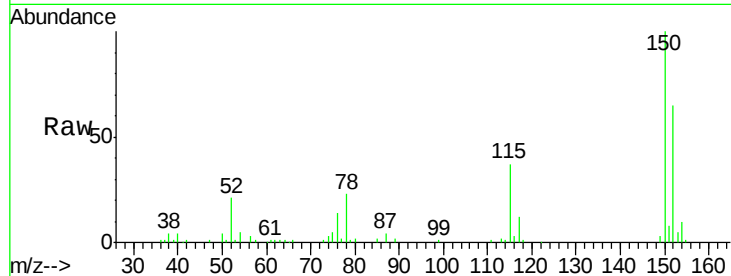




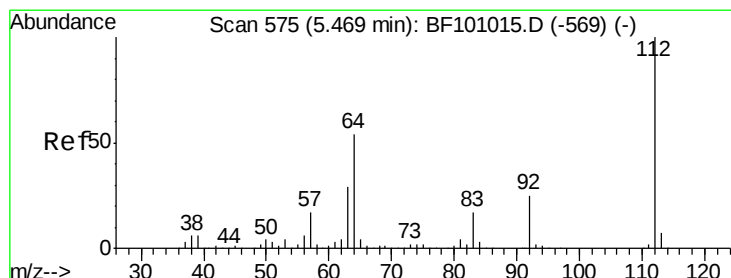
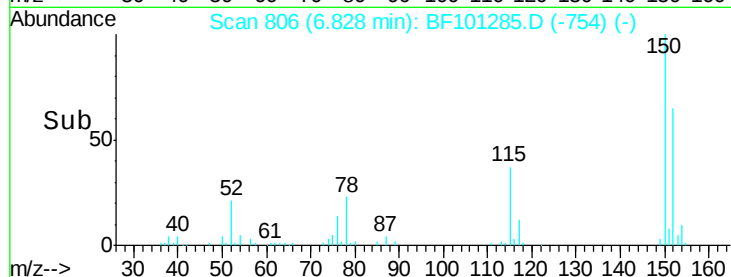
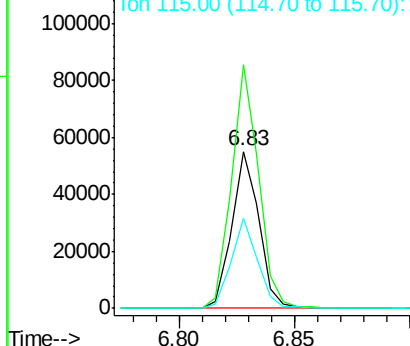
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF101285.D
 Acq: 11 Dec 2017 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 44981
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 57.3 50.1 75.1

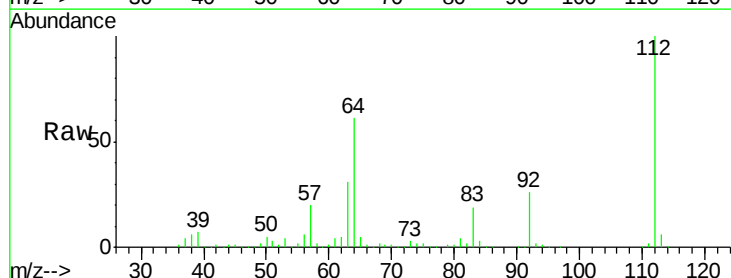


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

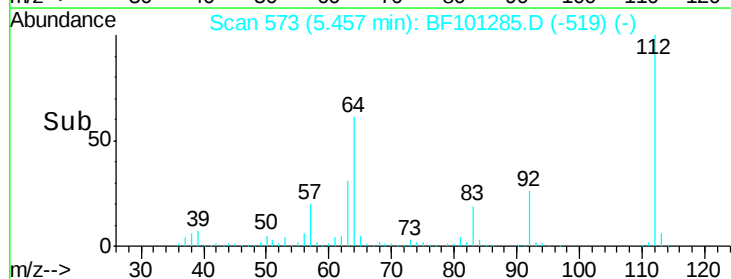
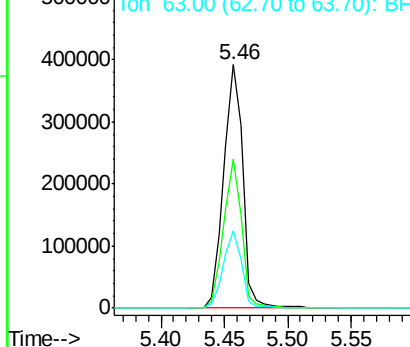


#5
 2-Fluorophenol
 Concen: 151.418 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF101285.D
 Acq: 11 Dec 2017 13:21

Tgt Ion:112 Resp: 412173
 Ion Ratio Lower Upper
 112 100
 64 61.3 47.9 71.9
 63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 152.680 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101285.D

Acq: 11 Dec 2017 13:21

Instrument :

BNA_F

ClientSampleId :

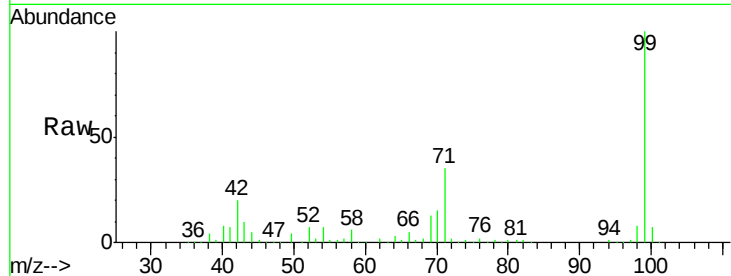
Tot Ion: 99 Resp: 504590

Ion Ratio Lower Upper

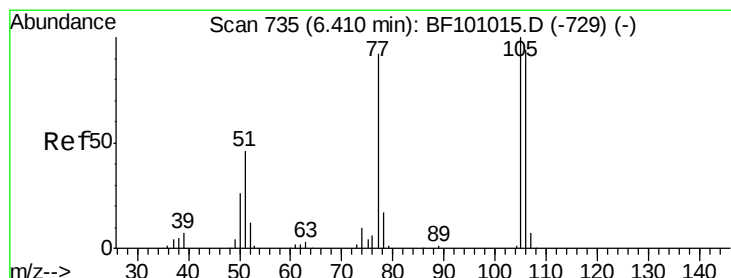
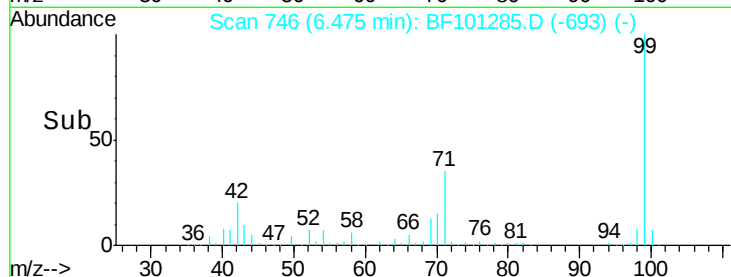
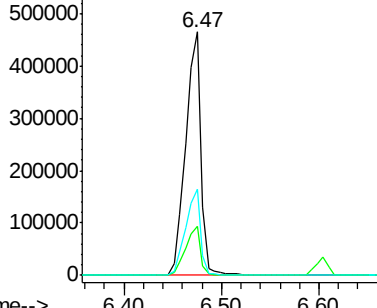
99 100

42 20.2 14.5 21.7

71 35.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 4.476 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF101285.D

Acq: 11 Dec 2017 13:21

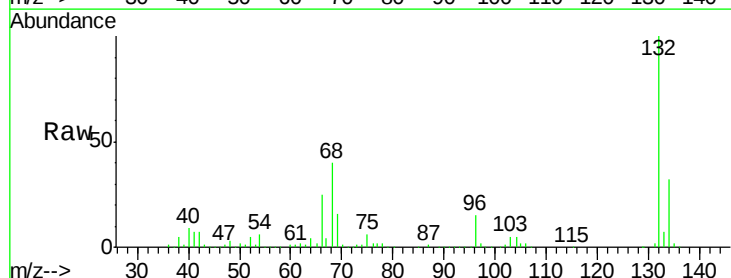
Tgt Ion: 77 Resp: 9054

Ion Ratio Lower Upper

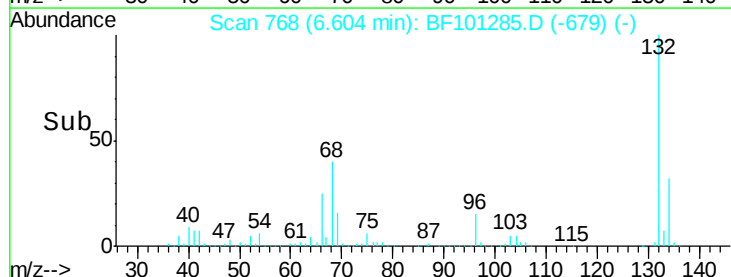
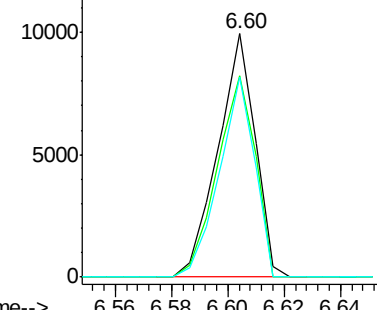
77 100

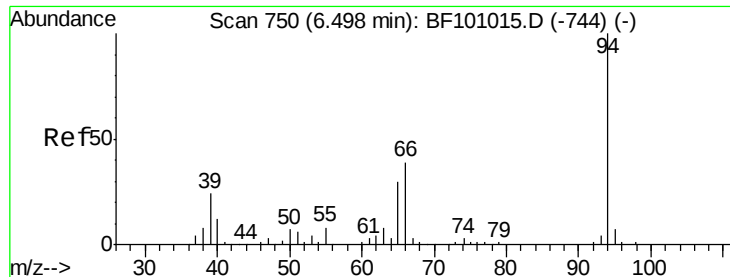
105 82.8 81.1 121.1

106 82.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

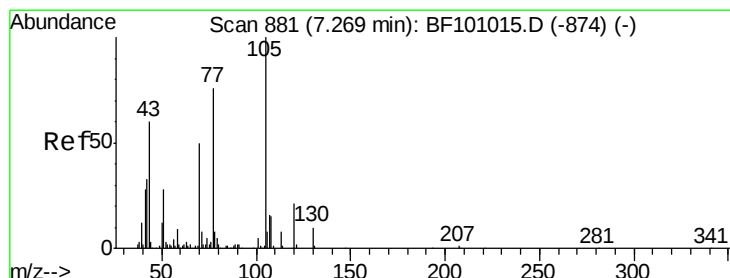
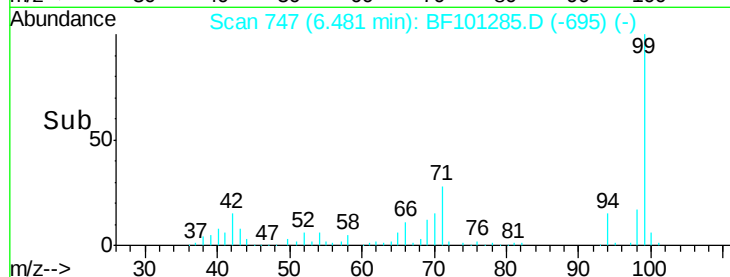
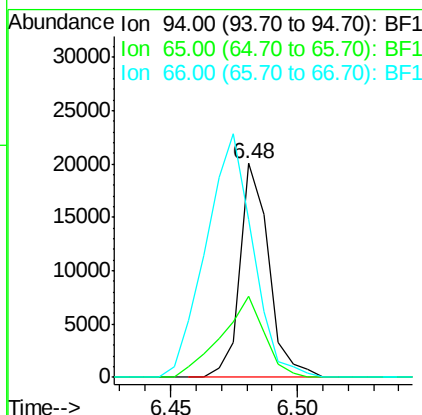
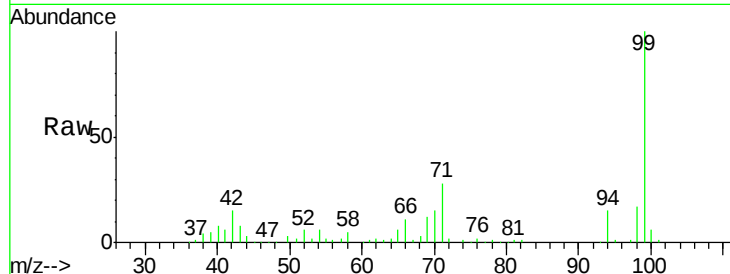




#10
Phenol
Concen: 4.296 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

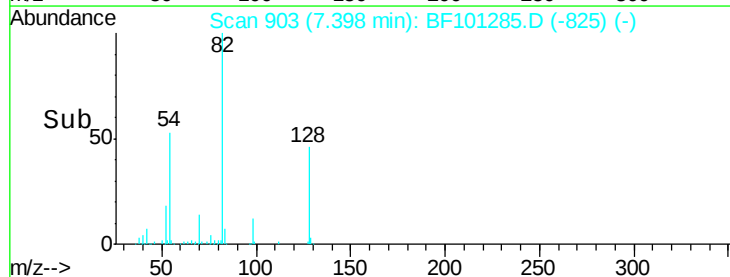
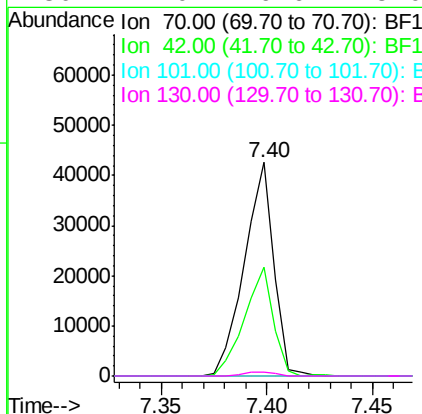
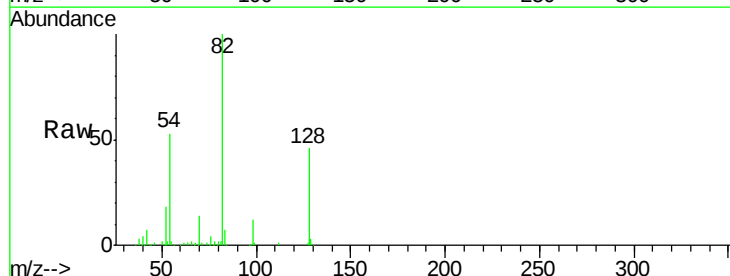
Instrument :
BNA_F
ClientSampleId :

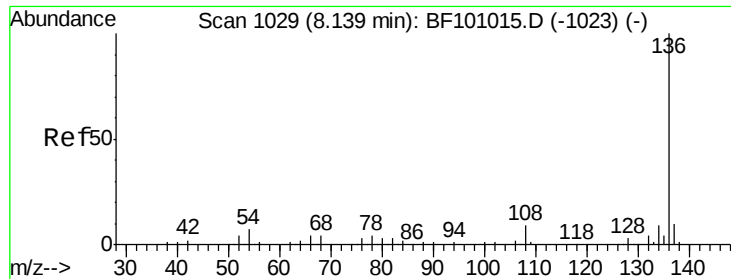
Tot Ion: 94 Resp: 15786
Ion Ratio Lower Upper
94 100
65 37.8 7.9 47.9
66 73.8 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 18.550 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Tgt Ion: 70 Resp: 41288
Ion Ratio Lower Upper
70 100
42 51.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#

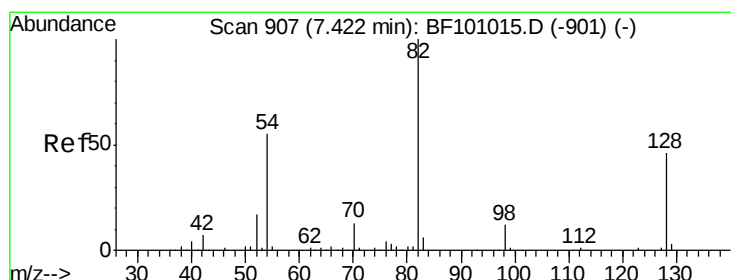
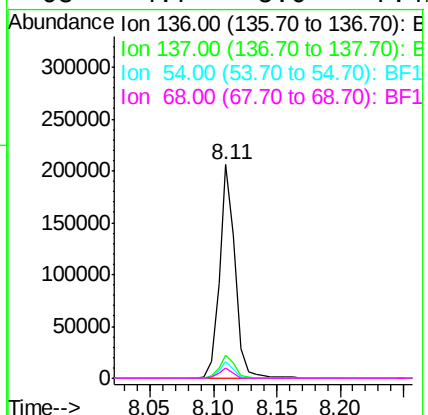
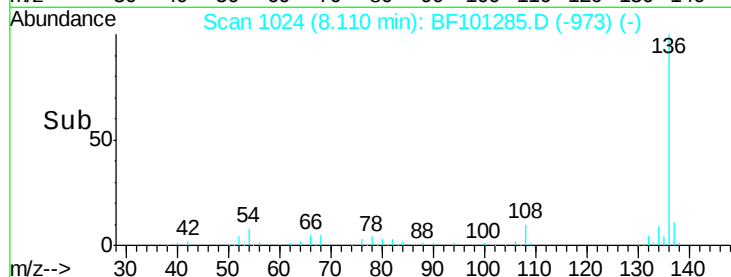
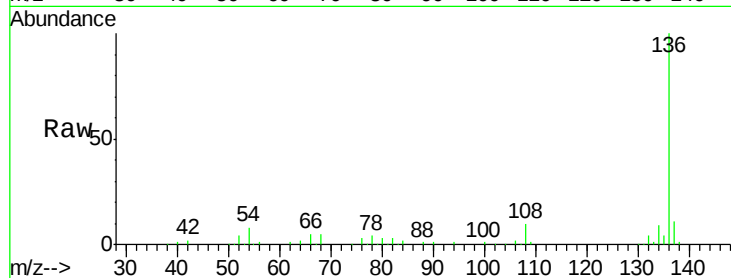




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

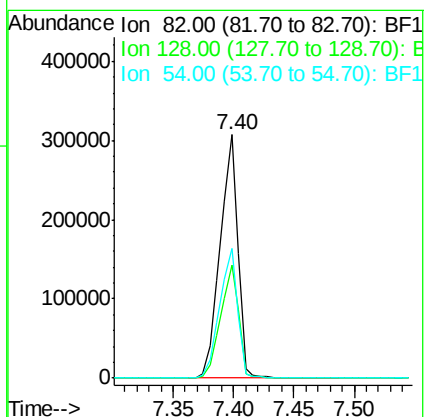
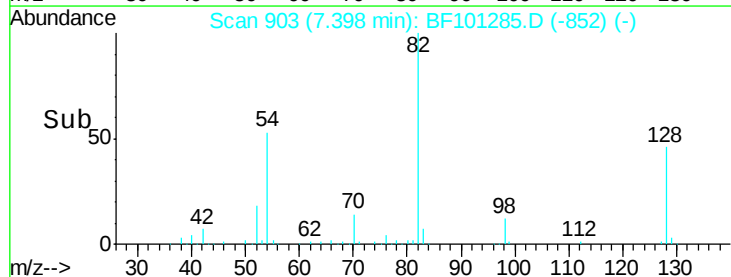
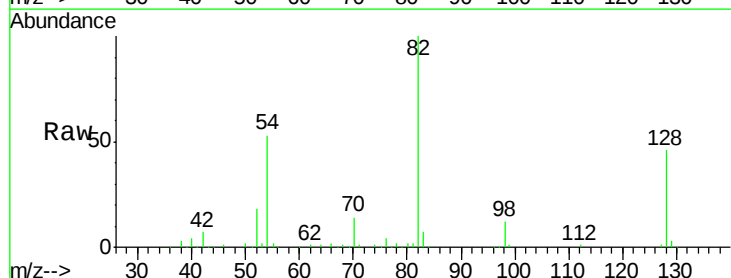
Instrument :
BNA_F
ClientSampleId :

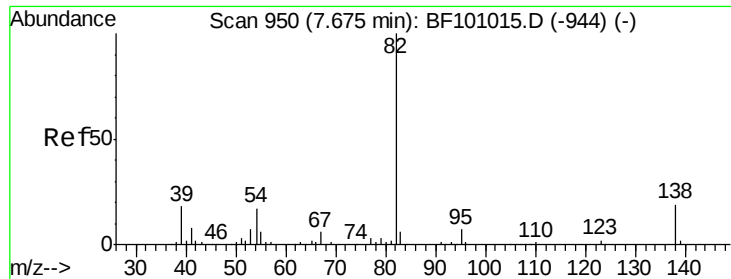
Tot Ion:136	Resp:	176759
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	8.0	6.6 9.8
68	4.7	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 105.256 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Tgt Ion: 82	Resp:	311885
Ion Ratio	Lower	Upper
82	100	
128	46.4	36.1 54.1
54	53.4	41.4 62.2





#25

Isophorone

Concen: 61.620 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.25 min

Lab File: BF101285.D

Acq: 11 Dec 2017 13:21

Instrument :

BNA_F

ClientSampleId :

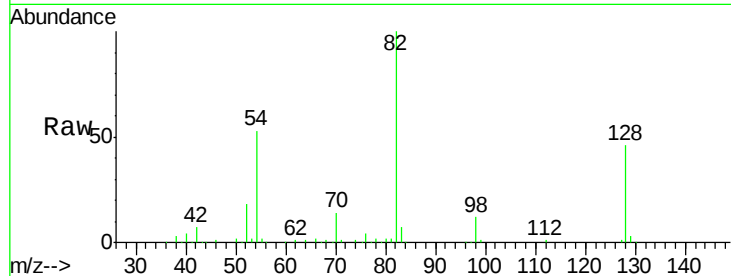
Tot Ion: 82 Resp: 311881

Ion Ratio Lower Upper

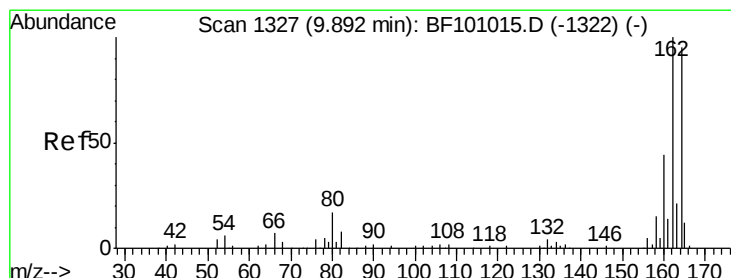
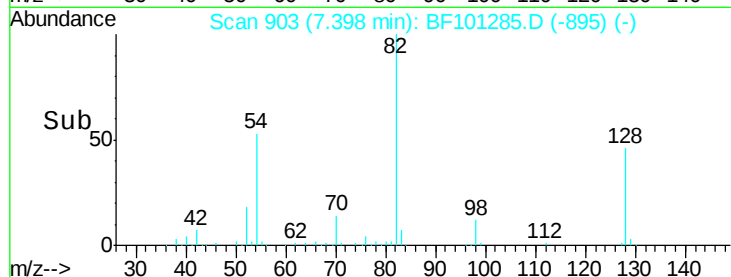
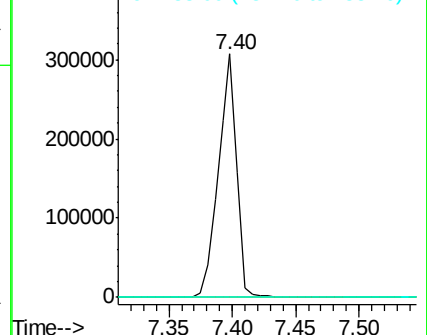
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101285.D

Acq: 11 Dec 2017 13:21

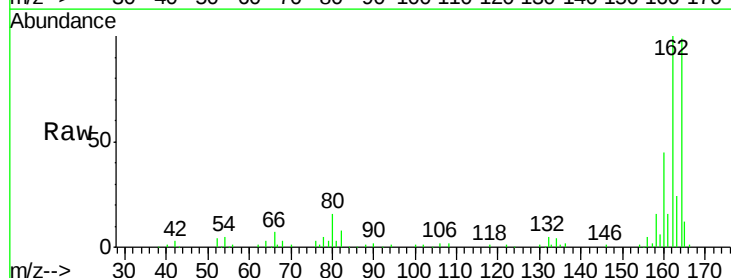
Tgt Ion:164 Resp: 87812

Ion Ratio Lower Upper

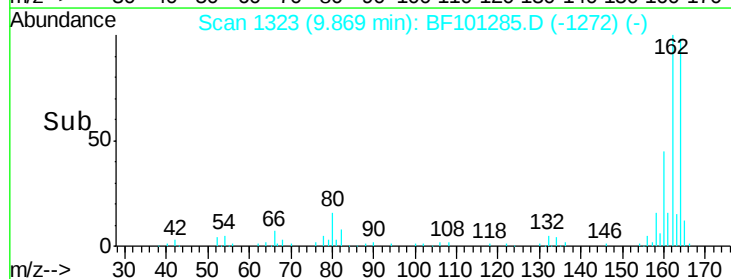
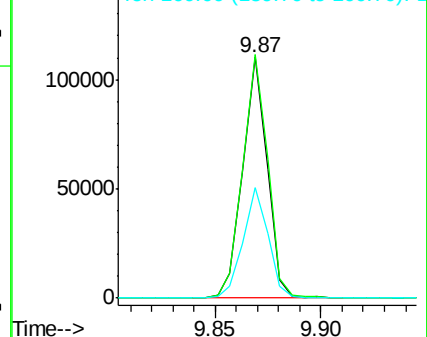
164 100

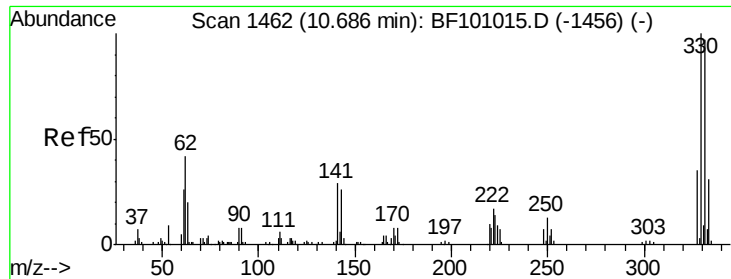
162 101.1 86.1 129.1

160 45.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

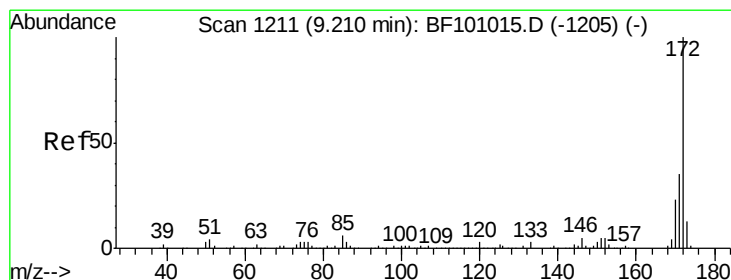
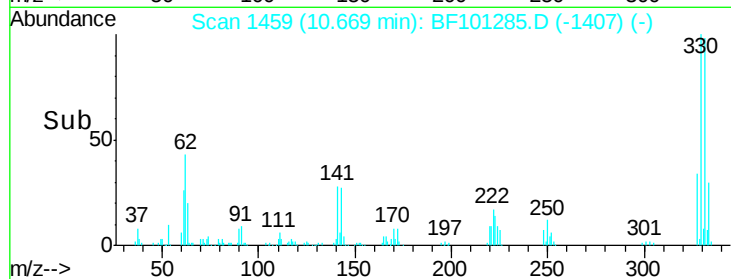
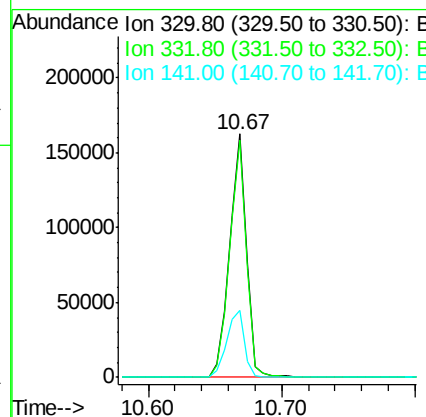
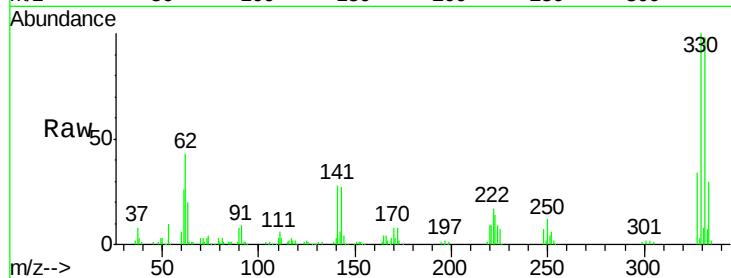




#41
 2,4,6-Tribromophenol
 Concen: 138.777 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101285.D
 Acq: 11 Dec 2017 13:21

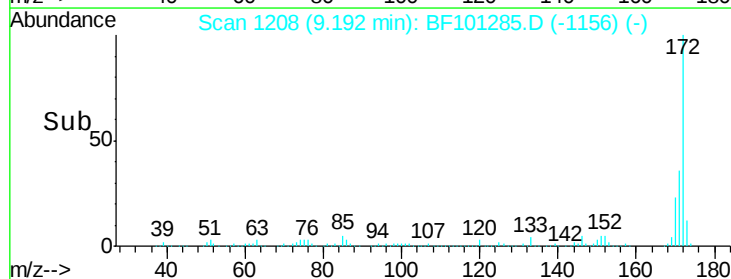
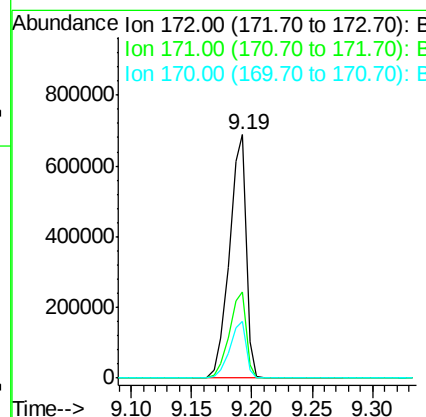
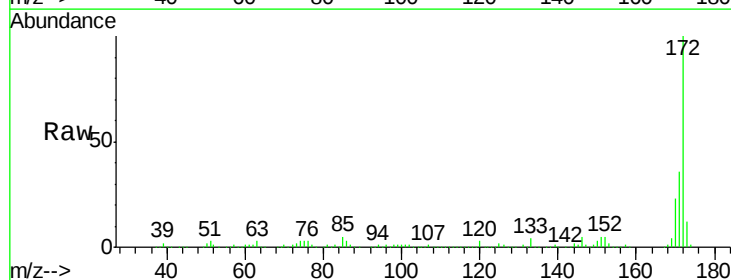
Instrument :
 BNA_F
 ClientSampleId :

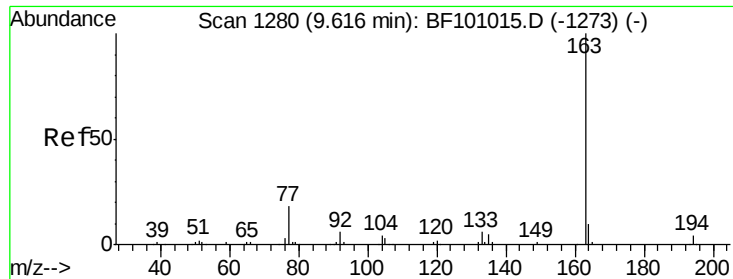
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 102.709 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101285.D
 Acq: 11 Dec 2017 13:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4

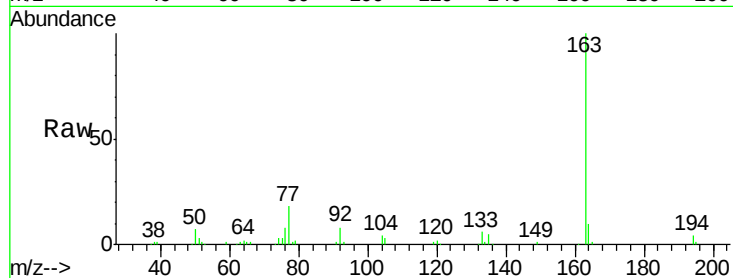




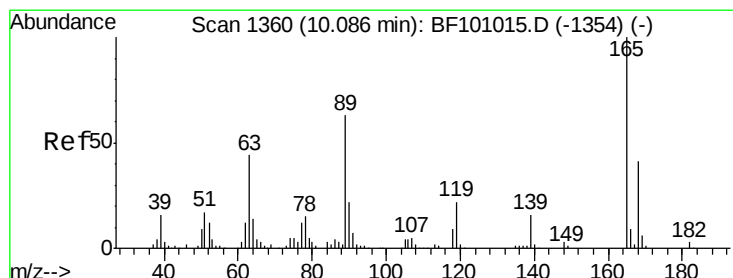
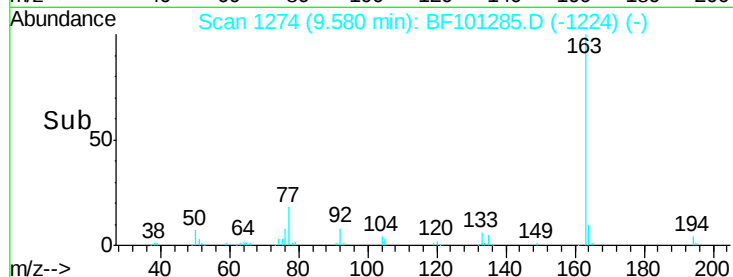
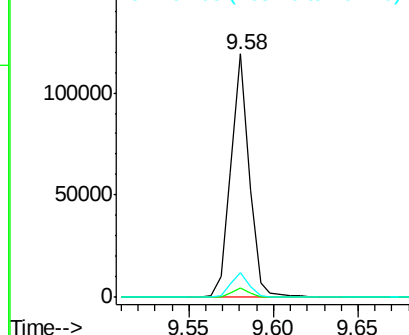
#49
Dimethylphthalate
Concen: 12.685 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 89831
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 8.2 12.2

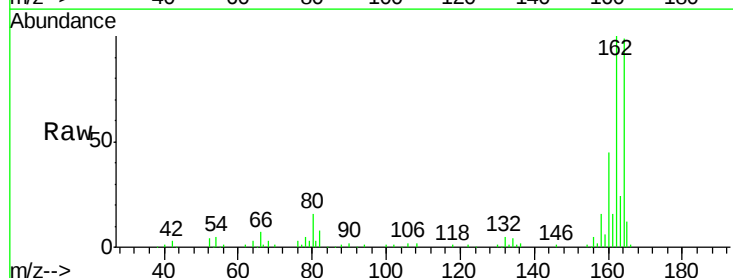


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

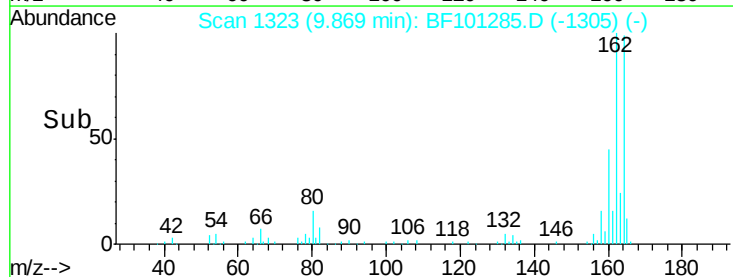
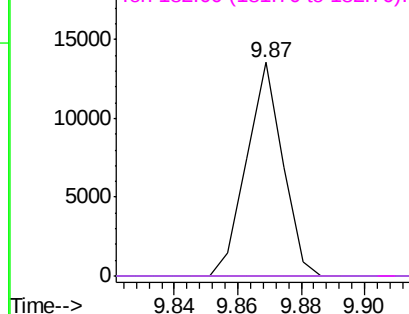


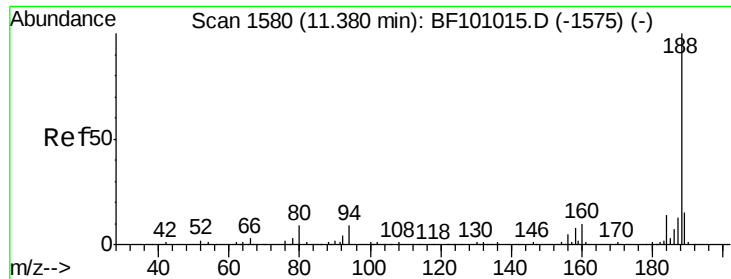
#56
2,4-Dinitrotoluene
Concen: 5.344 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Tgt Ion:165 Resp: 10683
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

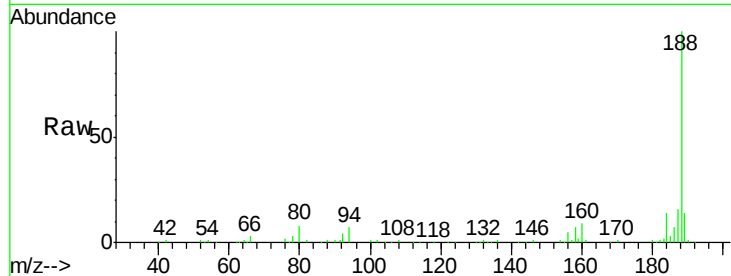




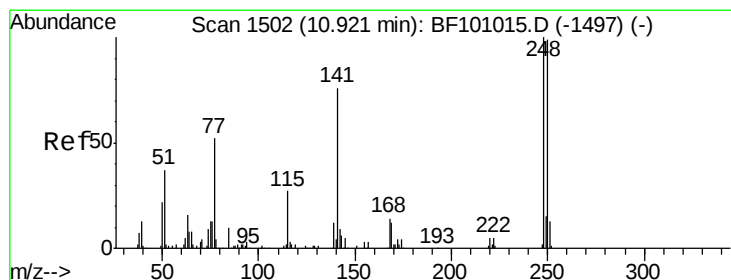
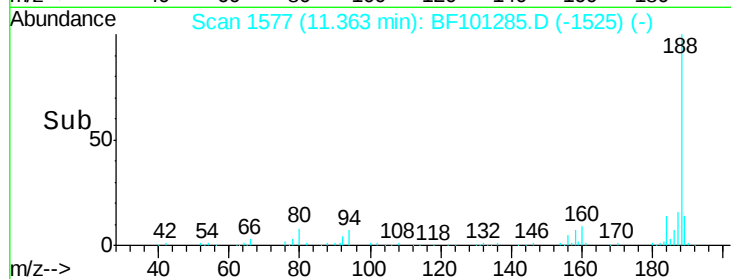
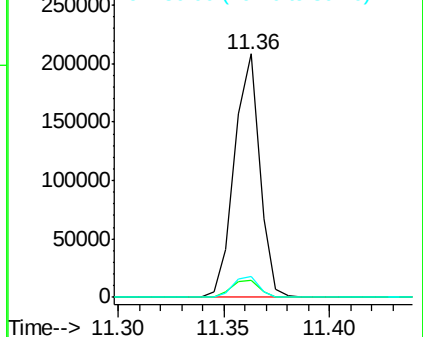
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101285.D
 Acq: 11 Dec 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 172150
 Ion Ratio Lower Upper
 188 100
 94 6.8 8.5 12.7#
 80 8.5 9.2 13.8#

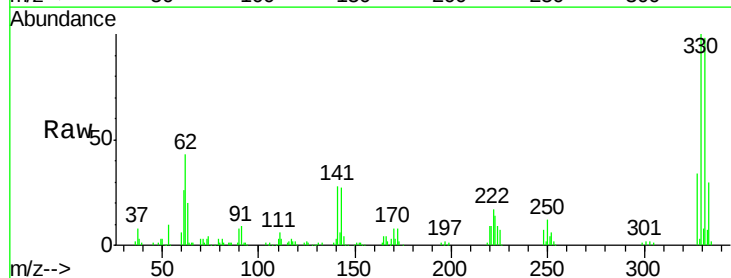


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

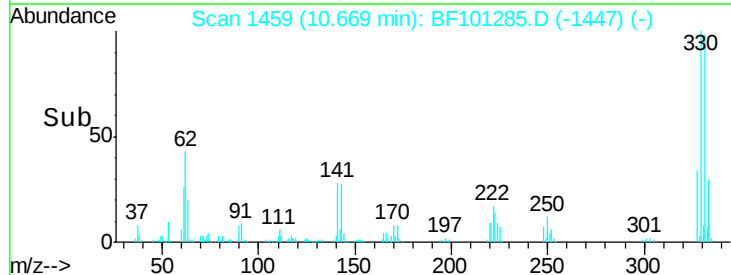
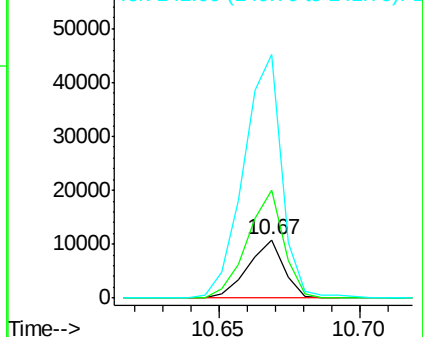


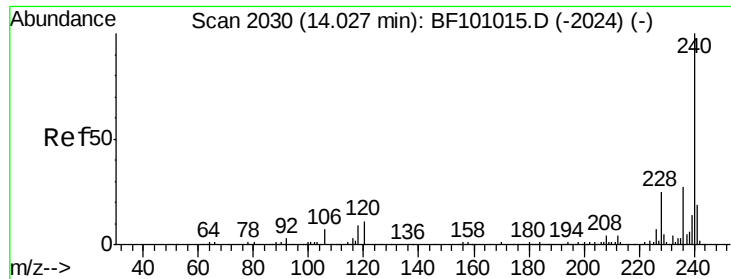
#66
 4-Bromophenyl-phenylether
 Concen: 4.985 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.23 min
 Lab File: BF101285.D
 Acq: 11 Dec 2017 13:21

Tgt Ion:248 Resp: 9605
 Ion Ratio Lower Upper
 248 100
 250 184.6 76.9 115.3#
 141 418.2 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

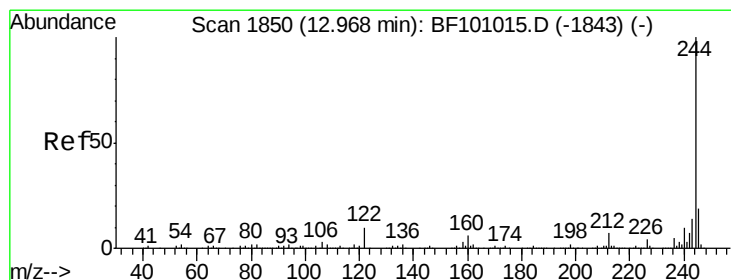
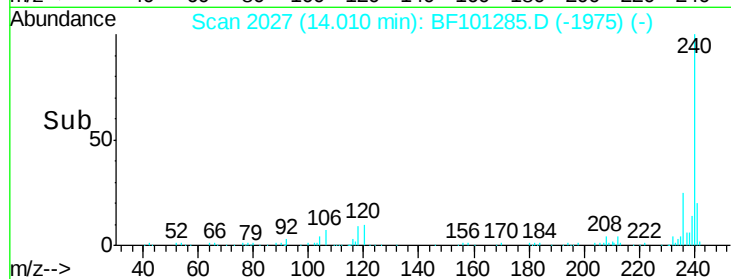
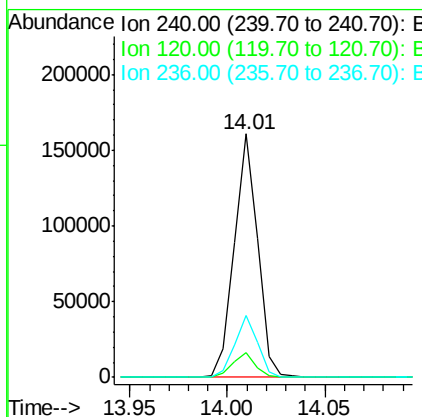
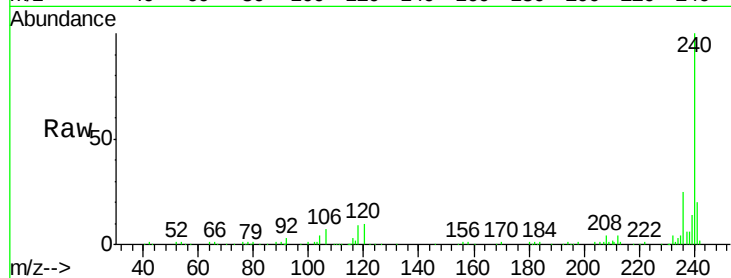




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF101285.D
 Acq: 11 Dec 2017 13:21

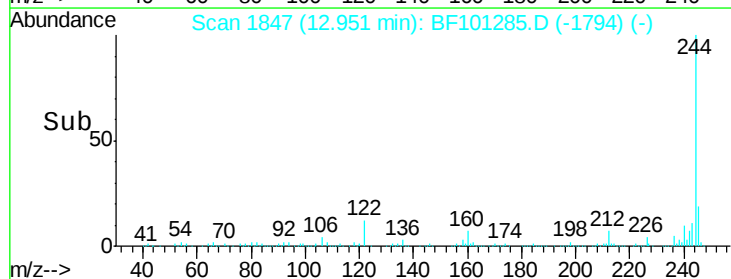
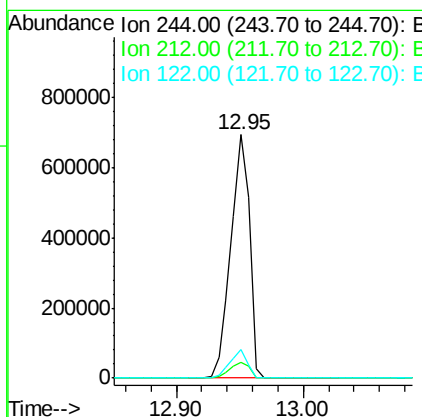
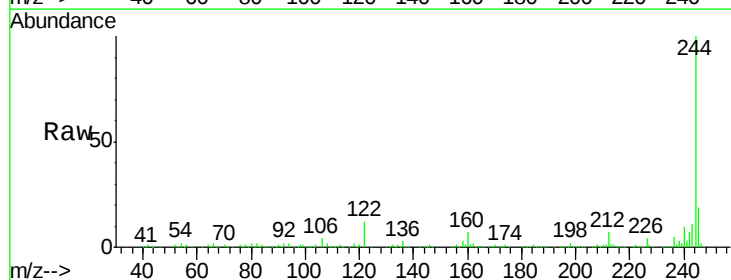
Instrument :
 BNA_F
 ClientSampleId :

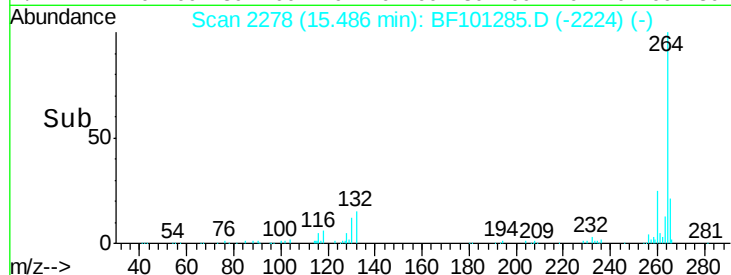
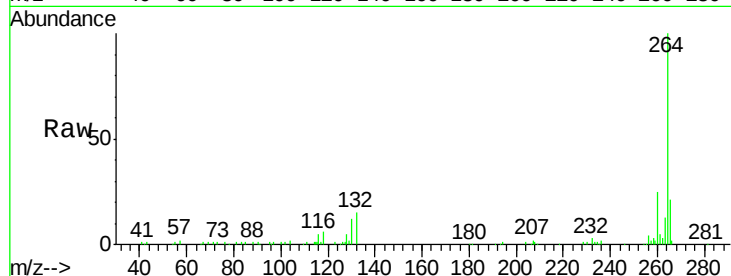
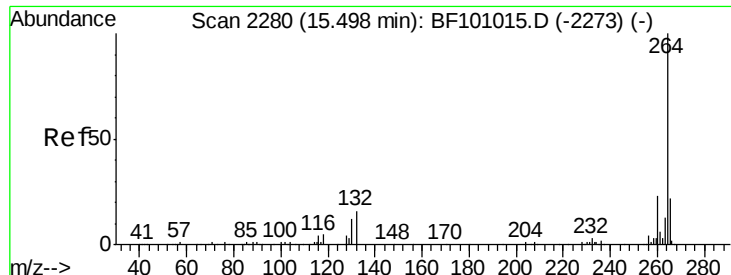
Tot Ion:240 Resp: 133734
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.5 14.3
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 115.178 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101285.D
 Acq: 11 Dec 2017 13:21

Tgt Ion:244 Resp: 704222
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.6 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101285.D
Acq: 11 Dec 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	93246
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	20.7	17.5	26.3

